

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2637



Inventor(s): Uwe Sydon, et al

App. No.: 09/884,415

Filing Date: June 18, 2001

Title: **METHOD AND SYSTEM FOR
POWER-CONSERVING
INTERFERENCE AVOIDANCE IN
COMMUNICATION BETWEEN A
MOBILE UNIT AND A BASE UNIT
IN A WIRELESS
TELECOMMUNICATION
SYSTEM**

Examiner: Jean B. Corrielus

Art Unit: 2637

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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TRANSMISSION

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INFORMATION DISCLOSURE STATEMENT

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This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97 (b),
 (Within three months of either ☐ the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d) or ☐ the date of national stage entry of international application; or ☐ before mailing date of first office action on the merits; or ☒ before mailing date of a first office action after filing of a request for continued examination under 37 CFR 1.114).
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☐ the \$ 180.00 fee under 37 CFR 1.17 (p) authorized to be charged to Deposit Account 19-2179. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 19-2179 pursuant to 37 CFR 1.25.
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Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56:

- ☐ together with hard copies of all references (e.g. if this application was filed before June 30, 2003); or
☒ with hard copies, if any, of only non-U.S. patents or non-U.S. published patent applications or U.S. pending unpublished patent applications (or portion thereof) or publications or other information of which applicant(s) are aware and which should be made of record in the above-identified application; or
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37 CFR 1.97(e) Certifications:

☐ The undersigned hereby certifies under **37 CFR 1.97(e)(1)** that each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. **OR**

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☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content that is given on ☐ the attached separate sheet or ☐ incorporated in the applicant's specification or ☐ by the enclosed English-language translation or portion thereof within the possession, custody, or control of, or is readily available to any individual designated in 37 CFR 1.56 (c).


☐ Applicant does not believe any fee is due. However, at any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **19-2179** pursuant to 37 CFR 1.25. A duplicate copy of this sheet is enclosed.

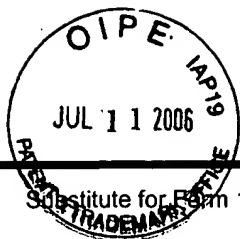
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Date: 7/7/96



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	09/884,415
Filing Date	June 18, 2001
First Named Inventor	Uwe Sydon
Group Art Unit	2637
Examiner Name	Jean B. Corrielus
Attorney Docket Number	1999P07358US03

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	4,355,414	A	Inoue	10-19-1982	
	A2	4,415,778	A	Turner	11-11-1983	
	A3	4,554,410	A	Furumota	11-19-1985	
	A4	4,602,134	A	Atkinson, et al	07-22-1986	
	A5	4,612,532	A	Bacon, et al	09-16-1986	
	A6	4,777,633	A	Fletcher, et al	10-11-1988	
	A7	4,817,126	A	Hendershot	03-28-1989	
	A8	4,955,066	A	Notenboom	09-04-1990	
	A9	4,977,399	A	Price, et al	12-11-1990	
	A10	5,090,051	A	Muppidi, et al	02-18-1992	
	A11	5,109,433	A	Notenboom	04-28-1992	
	A12	5,142,695	A	Roberts, et al	08-25-1992	
	A13	5,148,487	A	Nagal, et al	09-15-1992	
	A14	5,260,693	A	Horsley	11-09-1993	
	A15	5,280,541	A	Marko, et al	01-18-1994	
	A16	5,345,548	A	Nomura, et al	09-06-1994	
	A17	5,373,548	A	McCarthy	12-13-1994	
	A18	5,381,475	A	Cavallo	01-10-1995	
	A19	5,383,202	A	Edger, et al	01-17-1995	
	A20	5,416,779	A	Barnes, et al	05-16-1995	
	A21	5,425,076	A	Knippelmier	06-13-1995	
	A22	5,428,601	A	Owen	01-27-1995	
	A23	5,450,081	A	Kühn, et al	09-12-1995	
	A24	5,450,404	A	Koopman, et al	09-12-1995	
	A25	5,465,389	A	Agrawal, et al	11-07-1995	
	A26	5,481,588	A	Rickli et al	01-02-1996	
	A27	5,504,800	A	Yehushua, et al	04-02-1996	
	A28	5,539,802	A	DeCaluwe, et al	07-23-1996	
	A29	5,539,803	A	Bhat, et al	07-23-1996	
	A30	5,541,924	A	Tran, et al	07-30-1996	
	A31	5,561,702	A	Lipp, et al	10-01-1996	
	A32	5,570,367	A	Ayanoglu, et al	10-29-1996	
	A33	5,612,950	A	Young	03-18-1997	

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		Number	Kind Code ² (if known)			
	B1	5,625,888	A	Ruther, et al	04-29-1997	
	B2	5,644,618	A	Komoda	07-10-1997	
	B3	5,657,358	A	Panech, et al	08-12-1997	
	B4	5,671,219	A	Jensen, et al	09-23-1997	
	B5	5,675,579	A	Watson, et al	10-07-1997	
	B6	5,677,908	A	Oura	10-14-1997	
	B7	5,703,934	A	Zicker, et al	12-30-1997	
	B8	5,737,330	A	Fulthorp, et al	04-07-1998	
	B9	5,742,589	A	Murata	04-21-1998	
	B10	5,748,100	A	Gutman, et al	05-05-1998	
	B11	5,748,621	A	Masuda, et al	05-05-1998	
	B12	5,752,193	A	Scholefield	05-12-1998	
	B13	5,752,195	A	Tsiji, et al.	05-12-1996	
	B14	5,758,290	A	Nealon, et al	05-26-1998	
	B15	5,784,368	A	Weigand, et al	07-21-1998	
	B16	5,787,078	A	Geywitz, et al	07-28-1998	
	B17	5,790,939	A	Malcolm, et al	08-04-1998	
	B18	5,805,667	A	Alvarez, et al	09-08-1998	
	B19	5,809,414	A	Coverdale, et al	09-15-1998	
	B20	5,809,417	A	Nealon, et al	09-15-1998	
	B21	5,818,832	A	McCallister	10-06-1998	
	B22	5,822,314	A	Chater-Lea	10-13-1998	
	B23	5,835,564	A	Chang, et al	11-10-1998	
	B24	5,844,904	A	Ammar, et al	12-01-1998	
	B25	5,861,894	A	Sotheran, et al	01-19-1999	
	B26	5,867,782	A	Yoon	02-02-1999	
	B27	5,900,828	A	Friedrichs	05-04-1999	
	B28	5,901,354	A	Menich, et al	05-04-1999	
	B29	5,901,357	A	D'Avello, et al	05-04-1999	
	B30	5,903,626	A	Iglehart, et al	05-11-1999	
	B31	5,910,977	A	Torregrossa	06-08-1999	
	B32	5,915,216	A	Lysejko	06-22-1999	
	B33	5,930,700	A	Pepper, et al	07-27-1999	

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		Number	Kind Code ² (if known)			
	C1	5,936,582	A	Wallace, et al	08-10-1999	
	C2	5,966,665	A	Taki	10-12-1999	
	C3	5,991,901	A	Mulford, et al	11-23-1999	
	C4	6,011,830	A	Sasin, et al	01-04-2000	
	C5	6,014,406	A	Shida, et al	01-11-2000	
	C6	6,026,082	A	Astrin	02-15-2000	
	C7	6,026,083	A	Albrow, et al	02-15-2000	
	C8	6,035,183	A	Todd, et al	03-07-2000	
	C9	6,035,199	A	Barnett	03-07-2000	
	C10	6,041,046	A	Scott, et al	03-21-2000	
	C11	6,075,779	A	Agarwal, et al	06-13-2000	
	C12	6,075,850	A	Ali, et al	06-13-2000	
	C13	6,091,947	A	Sumner	07-18-2000	
	C14	6,094,574	A	Vance, et al	07-25-2000	
	C15	6,104,710	A	Miyashita	08-15-2000	
	C16	6,111,939	A	Brabanec	08-29-2000	
	C17	6,112,082	A	Almgren, et al	08-29-2000	
	C18	6,112,100	A	Ossoining, et al	08-29-2000	
	C19	6,119,014	A	Alperovich, et al	09-12-2000	
	C20	6,119,015	A	Eun	09-12-2000	
	C21	6,128,504	A	Ciccone	10-03-2000	
	C22	6,134,302	A	Sasin, et al	10-17-2000	
	C23	6,134,522	A	Leckschat	10-17-2000	
	C24	6,141,058	A	Lagoni, et al	10-31-2000	
	C25	6,144,656	A	Kinnunem, et al	11-07-2000	
	C26	6,148,213	A	Bertocci, et al	11-14-2000	
	C27	6,151,352	A	Taki, et al	11-21-2000	
	C28	6,154,147	A	Gabrielle, et al	11-28-2000	
	C29	6,154,457	A	Vayrynen	11-28-2000	
	C30	6,167,281	A	Sugi	12-26-2000	
	C31	6,169,893	B1	Shaheen, et al	01-02-2001	
	C32	6,175,741	B1	Alperovich	01-16-2001	
	C33	6,212,361	B1	Lui	04-03-2001	

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		Number	Kind Code ² (if known)			
	D1	6,236,863	B1	Waldroup, et al	05-22-2001	
	D2	6,243,496	B1	Wilkinson	06-05-2001	
	D3	6,246,489	B1	Park	06-12-2001	
	D4	6,249,683	B1	Lundby, et al	06-19-2001	
	D5	6,256,304	B1	Vayrynen	07-03-2001	
	D6	6,259,780	B1	Sherwood, et al	07-10-2001	
	D7	6,263,210	B1	Takahashi	07-17-2001	
	D8	6,278,742	B1	Sydon, et al	08-21-2001	
	D9	6,282,429	B1	Baiyor, et al	08-28-2001	
	D10	6,298,225	B1	Tat, et al	10-02-2001	
	D11	6,301,357	B1	Romesburg	10-09-2001	
	D12	6,314,298	B1	Hiroki	11-06-2001	
	D13	6,317,491	B1	Chang, et al	11-13-2001	
	D14	6,320,943	B1	Borland	11-20-2001	
	D15	6,330,437	B1	Bozzetto, et al	12-11-2001	
	D16	6,330,438	B1	McClelland, et al	12-11-2001	
	D17	6,331,976	B1	Sriram	12-18-2001	
	D18	6,345,185	B1	Yoon, et al	02-05-2002	
	D19	6,351,637	B1	Lee	02-26-2002	
	D20	6,363,059	B1	Kranz, et al	03-26-2002	
	D21	6,366,566	B1	Scott	04-02-2002	
	D22	6,366,572	B1	Esterberg, et al	04-02-2002	
	D23	6,377,548	B1	Chuah	04-23-2002	
	D24	6,381,231	B1	Silventoinen, et al	04-30-2002	
	D25	6,397,075	B1	Sastrodjojo, et al	05-28-2002	
	D26	6,404,931	B1	Chen, et al	06-11-2002	
	D27	6,421,793	B1	Lester, et al	07-16-2002	
	D28	6,434,137	B1	Anderson, et al	08-13-2002	
	D29	6,463,138	B1	Sherwood, et al	10-08-2002	
	D30	6,507,678	B2	Yahagi	01-14-2003	
	D31	6,680,913	B1	Malmivirta, et al	01-20-2004	
	D32	6,711,248	B1	Haber, et al	03-23-2004	
	D33	2001/0014599	A1	Henderson	08-16-2001	

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Substitute for Form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>				Complete if Known	
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	E1	2002/0196029	A1	Schmidt	12-26-2002	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	F1	EP	0 539 220	A1	Kojima	04-28-1993		
	F2	EP	0 594 458	A2	Fujita, et al	04-27-1994		
	F3	EP	0 747 884	A2	Shoham	12-11-1996		
	F4	EP	0 999 682	A1	Loeuillet	05-10-2000		
	F5	GB	2 225 689	A1	Holford	06-06-1990		
	F6	GB	2 296 163	A1	Fukuda	06-19-1996		
	F7	JP	05026786	A1	Suzuki, et al	02-02-1993		
	F8	JP	06197060	A1	Hiroyoshi, et al	07-15-1994		
	F9	WO	00/14989	A1	Esmailzadeh, et al	03-16-2000		
	F10	WO	00/21320	A1	Edvardsson, et al	04-13-2000		
	F11	WO	96/28809	A1	Hallkvist, et al	09-19-1996		
	F12	WO	97/44981	A1	Huotari	11-27-1997		
	F13	WO	98/13965	A1	Sydanmaa, et al	04-02-1998		
	F14	WO	98/45999	A1	Shaheen, et al	10-15-1998		
	F15	WO	99/09679	A1	Kockmann, et al	02-25-1999		

OTHER NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁷
	G1	Beneditto DI E: "Automatic Caller ID Store and Forward in Trunked Systems" Motorola Technical Developments, Motorola Inc. Schaumburg, ILL, US Vol. 27, 1 May 1996, Page 77	
	G2	Schweber B: "Caller ID-Classic Retrofit Engineering" EDN Electrical Design News, Cahners Publishing Co. Newton, Massachusetts, US Vol. 43, no. 26, 17 December 1998, Page 40, 42 ISSN 0012-7515	

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